



Engineering Directorate

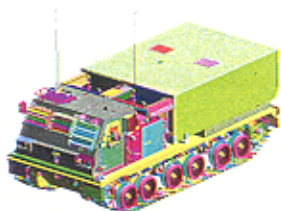
The Engineering Directorate's mission is to plan, develop, manage, and conduct AMCOM Aviation and Missile Programs in the areas of Total Life Cycle System Engineering, Product Assurance, Test and Evaluation. In order to meet this mission, the Directorate is home to experts in a wide array of technical specialties with access to numerous prototyping laboratories and facilities.



Research



Design



Simulate

CORE CAPABILITIES

- Systems Engineering Process Implementation and Management
- Manufacturing Technology Research in Electronics, Composites and Metal Processing
- Electronic and Mechanical Prototype Engineering, Design, Fabrication, Documentation, and Demonstration
- Production Engineering and Production Process Optimization
- Quality Engineering Program Development, Management, Test, and Evaluation
- Inspection Equipment Management, Acceptance, Validation, and Control
- Independent Product Assessments to Ensure Product Integrity
- Industrial Base Analysis and Life Cycle System Supportability
- Life Cycle Engineering and Logistics Support for Automatic Test Equipment and Test Program Sets
- Reliability, Availability, and Maintainability Engineering and System Assessments
- Stockpile Reliability Program Development, Surveillance Testing, and Analyses
- Configuration and Data Management, Standardization, and Parts Control Management
- Test Engineering, Analyses, and Evaluation
- Developmental, Qualification, Acceptance, and Production Testing
- Life Cycle Cost Reduction Analyses and Management



Prototype



Test



Manufacture



Field and Sustain